

City of Scottsbluff, Nebraska

Monday, March 1, 2021

Regular Meeting

Item Bids3

Council to discuss and consider action on awarding the bid for the new Landfill Truck to Floyd's Truck Center (chassis) and South Western Equipment Company (body) for a total amount of \$167,749.00.

Staff Contact: Mark Bohl, Public Works Director

Agenda Statement

Item No.

For Meeting of: March 1, 2021

AGENDA TITLE: Council to award bid for the purchase of a new refuse truck.

SUBMITTED BY DEPARTMENT/ORGANIZATION: Environmental Services

PRESENTATION BY: City Manager

SUMMARY EXPLANATION: The Environmental Service Department along with Center Garage received two bids for the body and 1 bid for the chassis. After reviewing the specs and the bids the Freightliner M2-106 chassis from Floyd's Truck Center and the Champion LH from South Western Equipment Company were determined to be easiest to handle and has sound mechanics. This body and chassis came in \$82,251.00 under budget.

BOARD/COMMISSION RECOMMENDATION:

STAFF RECOMMENDATION: Recommend awarding the chassis bid to Floyd's Truck Center and the body bid to South Western Equipment Company.

EXHIBITS

Resolution ☐

Ordinance ☐

Contract ☐

Minutes ☐

Plan/Map ☐

Other (specify)

approve the purchase of a new refuse truck

NOTIFICATION LIST: Yes ☒ No ☐ Further Instructions ☐

Floyd's Truck Center

Freightliner M2-106 (89,999.00)

South Western Equipment Company

Champion LH (\$77,750.00)

Total Price \$167,749.00

Floyd's Truck Center

PO Box 490

Scottsbluff, NE 69363

Attn: Tom Cooper/Cody Bohl

308-632-2911

South Western Equipment Company

11000 FM156 South

Justin, TX 76247

Attn: Ricky Sessions

940-242-2700

APPROVAL FOR SUBMITTAL: _____

City Manager

Rev: 11/15/12 City Clerk

2020/21 Refuse Truck Bid Overviews

Floyd's Truck Center

TRUCK CAB	<u>\$ 89,999.00</u>	2022 Freightliner M2-106
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Southwestern Equipment Company

BODY	\$ 92,750.00	Champion LH
TRADE	<u>\$ (15,000.00)</u>	
	<u>\$ 77,750.00</u>	

Ameritech Equipment

BODY	\$ 109,716.00	Curbtender HammerPak
TRADE	<u>\$ -</u>	
	<u>\$ 109,716.00</u>	

MacQueen Equipment

BODY	NO BID
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We received one (1) bid for the refuse chassis. It came from Floyd's Truck Center. We received two (2) bids from 2 companies for the refuse body. They came from South Western Equipment Company and Ameritech Equipment. MacQueen did not submit a bid this time. After reviewing the bid specs we have made the decision to go with Floyd's Truck Center for the Chassis Freightliner M2-106. We have had good luck with this particular chassis in the past and feel it's a great choice. For the body we have decided to go with South Western Equipment Company Champion LH. We have had this style of body in the past and have never had issues with the mechanics of the body packer Or compactor. This truck is \$82,251.00 under budget

**BID FORM
TRUCK, CAB & CHASSIS
SANITATION VEHICLE**

The Bidder proposes and agrees, if the bid is accepted, to furnish Sanitation Vehicle meeting or exceeding the minimum specifications specified for the Contract price and within the time indicated in this Bid. This Bid will remain subject to acceptance for thirty (30) days after the date of Bid opening.

Bidder shall supply all shop drawings of Sanitation Vehicle.

Bidder shall use and complete all items on the bid forms.

A copy of the manufacturer's warranty shall be attached to the bid forms (minimum 2 years).

**TRUCK, CAB & CHASSIS
SANITATION VEHICLE**

Includes furnishing, servicing, and delivering to Packer Body Company operation and maintenance instruction and all other items necessary to complete the transaction; except those items specifically listed hereafter for the following Lump Sum Price:

1 each at:

EIGHTY NINE THOUSAND NINE HUNDRED NINETY NINE & 00/100 \$ 89,999⁰⁰
(Words - Lump Sum Price) (Figures L.S.)

List: Make and Model: 2022 FREIGHTLINER M2-106

Delivery if other than 90 calendar days: (specify): 225 TO 280 TO BODY COMPANY.
Total Calendar Days

List: Factory Authorized Parts & Service Center

322 S. BELLEVUE HWY EAST SCOTTSBLUFF 52
Address Years at Present Location

CONTACTS:

Parts: NATE STROM Service: CODY BOHL

Telephone: 632 2911 Telephone: 632 2911

Sanitation Truck Specs 2020-2021
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**SPECIFICATION
TRUCK, CAB, CHASSIS, & DUMP BODY**

GENERAL

The truck, cab, and chassis shall be capable of carrying a minimum nine (9) ton payload and shall be new, with twin screw type tandem axle and shall be modified by the bidder to be compatible with the Packer body and compactor unit.

Details/Specified
Unit Proposed
By Bidder

TRUCK, CAB MINIMUM SPECIFICATIONS

MAKE: FREIGHTLINER

MODEL: M2-106

MINIMUM SPECIFICATIONS

1. **OPERATING WEIGHT:**

- ☐ G.V.W. minimum of 60,000 pounds

YES

Axle ratings:

- ☐ Front axle minimum 16,000 pounds
- ☐ Rear axle 40,000 pounds (twin screw tandem)
Single speed with ratio compatible with engine
and transmissions
- ☐ Equipped with manual differential lock from cab

YES
YES

Full Lockers

2. **SUSPENSIONS:**

- ☐ Heavy duty front shock absorbers
- ☐ Heavy duty rear shock absorbers 40,000# or equivalent
- ☐ Spring rating 20,000 pounds flat leaf front
- ☐ Spring rating 40,000 pounds rear
- ☐ Oil lubricated front wheel and rear wheel hubs
- ☐ Fore/Aft/Transverse/Control Rods

YES
YES
YES
YES
YES
YES

Axle Related Items:

- ☐ Greaseable drag link and tie rods
- ☐ 56 inch axle spacing

Yes54"**3. BRAKES:**

- ☐ ABS with diagnostics without traction enhancement
- ☐ Air brakes front and rear
- ☐ Bendix, AD-9, air dryer with heater mounted under cab
- ☐ All brake linings non-asbestos
- ☐ Equipped with air parking brake
- ☐ Manual drain cocks on air tanks

YYYYYY**4. TRANSMISSION:**

- ☐ Allison Automatic transmission 6 speed
With auto-neutral option & PTO provision
- ☐ Transmission oil cooler
- ☐ Equipped with transmission filter

YYY**POWER TRAIN****5. ENGINE:**

- ☐ CUM ISC-350 350 HP @ 2000 RPM; 2200 GOV,
1000 LB/FT @ 1400 RPM
- ☐ Engine mounted oil check and fill
- ☐ DR 12V 160 AMP Quadra mount Pad Alternator
With remote battery volt sense
- ☐ Full flow oil filter
- ☐ Electronic engine integral shutdown protection system

YYYYY**6. ENGINE EQUIPMENT:**

- ☐ DELCO 12V 38MT HD starter with integrated
Magnetic switch
- ☐ Air cleaner dry type
- ☐ Coolant filter/conditioner, fleet guard spin-on
type
- ☐ Coolant recovery system
- ☐ Cooling system capacity heavy duty radiator
- ☐ Heavy duty radiator for hydraulic pump
- ☐ Engine block heater, 1,000 watt 115 volt
- ☐ Exhaust system single vertical exhaust
System with muffler
- ☐ Clutch fan
- ☐ Fuel water separator filter
- ☐ Oil cooler, engine mounted disposable oil filter

YYYYYYYHORIZONTALYYY

- ☐ Equipped with limit box on PTO _____ y
7. **STEERING:**
- ☐ Power steering will be furnished _____ y
8. **TIRE/WHEELS:**
- ☐ Front tires 16 ply radials tubeless w/all season tread _____ y
- ☐ Rear tires 16 ply radials tubeless extra waste _____ y
- Handler lugs style
- ☐ Wheels- 10 hole white steel disc- hub ported style _____ y
- ☐ One (1) spare tire 16 ply & wheel as specified above _____ y
- For rear tires
9. **FUEL TANK:**
- ☐ Steel, 70 gallon (minimum) 25 inch diameter type tank _____ y
10. **FRAME:**
- ☐ Two (2) front and rear mounted tow hooks _____ y
- bolted to frame.
11. **ELECTRICAL SYSTEM:**
- ☐ Two (2) batteries minimum of 1500 cold cranking Amps _____ y
- ☐ PTO mode brake override – service brake applied _____ y
- Or park brake not applied
- ☐ PTO mode cancel vehicle speed – 5 MPH _____ y
12. **CAB EQUIPMENT:**
- ☐ Standard conventional with tilting hood and fenders _____ y
- ☐ Two (2) dual 7" x 16" side mounted with round spotting _____ y
- mirrors, with extra left hand spot mirror – 8" and two extra spot mirror on right side.
- ☐ High back air ride seat on driver's side with arm rest _____ y
- Rest on both sides
- ☐ High back air ride seat on passenger side with arm _____ y
- Rest on both sides
- Standard high back seat passenger side
- ☐ Seat belts retractable to lap and shoulder, seats _____ y
- ☐ Heavy duty vinyl seats _____ y
- ☐ Rubber floor mats. _____ y
- ☐ Sun visors _____ y
- ☐ Assistive handle for easy access to cab _____ y
- ☐ Windshield wipers intermittent speed equipped _____ y
- with windshield washer
- ☐ Interior dome lamp w/integral 3 way activated _____ y
- Switch by driver's door
- ☐ 12 volt dash mounted electrical outlet _____ y

- y
y
y
y
y y
y
y

y
y

y
- Body Comp.

- ☐ Circuit protectors, self-resetting circuit breakers
- ☐ Electronic engine hour meter
- ☐ Electronic tachometer
- ☐ Dual air pressure gauge with buzzer
- ☐ Engine coolant temperature gauge
- ☐ Transmission temperature gauge
- ☐ Engine oil pressure gauge
- ☐ Fuel gauge
- ☐ Speedometer
- ☐ Voltmeter
- ☐ Instrument panel, adjustable lighting
- ☐ Equipped with clearance lights and ID lights

-

- ☐ Two (2) Color Cameras will be provided:
 - 1st mounted on the tailgate below the strobe light
 - 2nd mounted in the hopper area
- ☐ The Cameras' shall be Safety Vision
- ☐ Protective cases shall be provided for the cameras
- ☐ All Cameras' shall have shields to minimize sun glare

- Body Comp
Body Comp
Body Comp
Body Comp

- ☐ Heavy duty heater and defroster
- ☐ AM/FM Stereo Radio with front AUX port
- ☐ Air conditioning/heavy duty blower

- y
y
y

16. **PAINTING:**

- | | |
|---|----------|
| <input type="checkbox"/> Minimum one coat of primer and finish coat of white in color | <u>Y</u> |
| <input type="checkbox"/> Frame standard black chassis paint | <u>Y</u> |
| <input type="checkbox"/> Front and rear wheels paint - vendor white | <u>Y</u> |

17. **MISCELLANEOUS:**

- | | |
|--|----------|
| <input type="checkbox"/> Back up alarm | <u>Y</u> |
| <input type="checkbox"/> Triangle reflectors | <u>Y</u> |
| <input type="checkbox"/> Five pound fire extinguisher mounted in cab | <u>Y</u> |
| <input type="checkbox"/> First aid kit | <u>Y</u> |
| <input type="checkbox"/> Two (2) complete sets of parts, service, and operator's manuals | <u>Y</u> |

18. **WARRANTY:**

- | | |
|---|--|
| <input type="checkbox"/> List manufacturers standard warranty | <u>Y</u> |
| <input type="checkbox"/> Bidder shall attach copy of warranty | <u>Y</u> |
| <input type="checkbox"/> Minimum two year basic vehicle warranty | <u>Y</u> |
| <input type="checkbox"/> Two year unlimited warranty on engine | <u>Y</u> |
| <input type="checkbox"/> Two year unlimited warranty on drive train components, transmission, drive axles (differential assemblies, axle shaft and axle housings), steering axles (beam, spindles, kingpins, bearings), and steering arms | <u>Y</u> |
| <input type="checkbox"/> Two year unlimited cab structure and sheet metal (conventional hood) | <u>Y</u> |
| <input type="checkbox"/> Five year unlimited warranty cab corrosion | <u>Y</u> |
| <input type="checkbox"/> Five year unlimited warranty frame rails and cross members | <u>Y</u> |
| <input type="checkbox"/> List optional warranties and cost | <u>Y</u> |
| <input type="checkbox"/> Repairs must be made in the first two years with unlimited warranty and completed in no more than two (2) calendar days at no charge to customer | <u>NO - FLOID'S WILL DO IT BEST. BUT NO GUARANTEE 2 Days</u> |
| <input type="checkbox"/> Towing included for the 1 st two (2) years | <u>Y</u> |

BID #1

PACKER BODY & COMPACTOR

The Bidder proposes and agrees, if the bid is accepted, to furnish Sanitation Vehicle meeting or exceeding the minimum specifications specified for the Contract price and within the time indicated in this Bid – Champion Square Body or equal. This Bid will remain subject to acceptance for thirty (30) days after the date of Bid opening.

A copy of the manufacturer's warranty shall be attached to the bid forms.

Packer Body & Compactor

1 each at:

~~SEVENTY SEVEN THOUSAND SEVEN HUNDRED FIFTY~~ \$ 77,750⁰⁰
(Words - Lump Sum Price) (Figures L.S)

Manufacturer: SOUTH WESTERN EQUIPMENT COMPANY

Model: CHAMPION LH 32 YARD

DELIVERY (40 calendar days specified): 40 DAY AFTER TRUCK
After receipt of truck (cab and chassis) Total Calendar Days

TRUCK	\$ 89,999 ⁰⁰	
BODY	92,750 ⁰⁰	
	<u>182,749</u>	
TRADE	- 15,000 ⁰⁰	
	<u>\$ 167,749</u>	TOTAL

AROUND NOW 15th TO BE
Complete.

CBL



SOUTHWESTERN EQUIPMENT COMPANY

PO Drawer 219
11000 FM 156 N
Justin, TX 76247-0219

www.southwesterntrucks.com

Local (940) 242-2700
National (800) 886-7932
Fax (940) 242-2700

City of Scottsbluff
2525 Circle Drive
Scottsbluff, NE 69361
Anthony Harris 308-630-0879
aharris@scottsbluff.org

Feb 19, 2021

SEC Champion Left Hand 32 Yard Refuse Body:

Champion Left Hand 32 Yard	83,500.00
Top Door	1,500.00
Packer lock-out	150.00
PTO Mount 350 Pump	1,000.00
Hour Meter for Body	250.00
EMCO Lift Bar	
Remote Lube System	1,500.00
48" Reach	
PTO Mount Pump	
3 Work Lights	
Strobe Light Front and Rear	150.00
LED Lights	500.00
2 work Lights under tailgate (Hooked to Back-up)	250.00
Painted White	
2 Camera System (Rear & Hopper)	1,200.00
1 year Warranty	
Delivered by Oct 31, 2021 Scottsbluff, NE	2,750.00
<hr/>	
Body Total	\$92,750.00
Trade-in 2008 Freightliner with Challenger 33yd	- 15,000.00
Total	\$77,750.00

Thanks for the opportunity to quote this.

Ricky Sessions
Southwestern Equipment Co
940-242-2700 Office
940-206-1795 Cell

SPECIFICATIONS PACKER BODY & COMPACTOR

it is the intent of this specification to describe a hydraulically actuated refuse packer body with the following minimum specifications considered necessary to perform the work assigned and will be the product of a manufacturer actively engaged in the production of refuse collection equipment and will embody their latest improvements in design and construction. They body's construction and specifications shall be in compliance with the applicable standards as promulgated by the American National Standards Institute (ANSI Z245.1)

GENERAL

The compactor body is an automated container loading and dumping device and shall meet Square Box Specifications or equal and will have a minimum capacity of 33 cubic yards and be capable of compacting refuse and ejecting refuse from the body in a stationary manner. The receiving hopper area will be approximately 6 cubic yards and will accommodate up to and including 6 cubic yard side-load containers without damage.

MINIMUM SPECIFICATIONS:

*MEETS
ALL SPECS*

Details/Specified
Unit Proposed
by Bidder

1. BODY CONSTRUCTION:

- | | |
|--|----------|
| <input type="checkbox"/> Body Capacity – 33 CY including rear tailgate and hopper Capacity | <u>Y</u> |
| <input type="checkbox"/> Hopper – at least 6 CY usable capacity with Hopper sides of a flat design with horizontal channel reinforcing lower panel to be a minimum of 3/16"–A572 Grade 50-50,000 psi minimum yield and Upper panel to be a minimum 10 gauge-A572 Grade 50 -50,000 psi minimum yield | <u>Y</u> |
| <input type="checkbox"/> Hopper floor to be constructed of ¼"–AR400–140,000 psi minimum yield strength abrasion resistant steel reinforced with a combination of ¼"–A38HR–36,000 psi yield strength steel. Body sill under the hopper area to be ¼"–46,000 psi yield strength steel with a 10" cross section | <u>Y</u> |
| <input type="checkbox"/> Tailgate will be constructed with 10 Gauge 50, 000 psi yield Strength Steel | <u>Y</u> |
| <input type="checkbox"/> Compacter plate shall be hydraulically activated | <u>Y</u> |
| <input type="checkbox"/> The compaction plate shall be constructed of ¼" thick- 50,000 psi strength steel reinforced with vertical and horizontal boxed sections | <u>Y</u> |
| <input type="checkbox"/> The body is to be equipped with a hinge access door located on the side opposite the container loader. | <u>Y</u> |
| <input type="checkbox"/> Body shall have a rear under ride guard | <u>Y</u> |

- ☐ Body shall have tailgate support props Y
- ☐ Rear mud flaps and rear fenders Y
- ☐ Remote lubrication system accessible from ground level Y
- ☐ Hand rails and steps or ladder for easy access included Y

2. **TAILGATE:**

- ☐ Tailgate should be top-hinged and hydraulically raised/lowered/locked with two hydraulic cylinders. Y
- ☐ The tailgate shall be operated from a control switch located within easy reach of the operator inside the cab. Y
- ☐ The lower inside perimeter shall be equipped with a replaceable watertight seal. Y
- ☐ Unit will have an audible warning buzzer when the tailgate is unlocked and while being raised/lowered. Y
- ☐ Rear door locks – the rear door shall be secured by locks at two points on the lower perimeter. Y
- ☐ The locks shall be actuated by a hydraulic cylinder Y
- ☐ The rear door shall be automatically latched and unlatched in sequence with the rear door hydraulic lift cylinders Y

3. **CONTAINER LOADER:**

- ☐ The container loader used in conjunction with the compaction body will provide means to pick up, dump and return to the ground 1 1/2 through 4 cubic yard EMCO “hook style” containers Y
- ☐ The container loader will be rated at 3,000 pounds lifting capacity Y
- ☐ Container loader shall be actuated by two hydraulic cylinders and shall raise the lift carriage to the dump position and return to the disengage position Y
- ☐ All movements of the loader (up, down, in, out) are to be accomplished with no more than three (3) cylinders Y
- ☐ Loader is to be operated with dual air controls located within easy reach of the operator. These controls shall be of a “light” touch design. Cables or chains will not be acceptable Y
- ☐ The container loader shall be capable of extending outward from the fully collapsed position a minimum of 40 inches in a horizontal plane Y
- ☐ The track reach (extend/retract) shall be actuated by a hydraulic cylinder Y
- ☐ The operator must have unrestricted view of the Packer plate from inside the cab Y

- ☐ Hydraulic reservoir behind cab not acceptable Y
4. **PACKING MECHANISM:**
- ☐ The Packer plate shall be actuated by two hydraulic cylinders mounted in the horizontal plane. Y
- ☐ The cylinder shall be connected to the Packer plate by trunion mountings Y
- ☐ The Packer plate shall be capable of traversing the entire length of the body Y
- ☐ The packing mechanism shall operate such that the pack cycle terminates automatically prior to the Packer plate contacting the rear door Y
5. **HYDRAULIC SYSTEM:**
- ☐ The hydraulic system should be composed of 2 vane pumps, one for body functions, and one for arm functions. Pumps have a common suction. Hydraulic pump model is Denison T6DC. D cartridge is for body function, C cartridge is for arm function. The hydraulic pressure body line shall be made up of Denison ECO system with a 12 volt DC in line mounted solenoid which diverts the flow back to the Inlet when the pump is not engaged and a flow control block which diverts excess flow back to the inlet. Body functions pump maximum flow is 30 gpm @ 700 rpm. Hydraulic system pressure relief for the body is 2500 psi and for the arm it is 2000 psi. Y
- ☐ An oil sight level gauge to permit visual determination Of the oil in the reservoir Y
- ☐ Hydraulic system shall be equipped with a hydraulic Oil filter on the return line inside on the top of the tank With a 100 wire mesh suction strainer Y
- ☐ There will be a high pressure in-line filter of 10 micron Capability in the pressure line ahead of the main control valve. The filter will be of the replaceable element type Y
- ☐ Hydraulic system will be equipped with a pressure detection device to ensure a maximum of 2500 psi operating pressure Y
- ☐ The hydraulic system shall operate at a pressure of 1800 psi and shall be capable of operating at a pressure of 2000 psi Y
- ☐ The hydraulic system shall have a separate hour meter Y
6. **PAINTING:**
- ☐ Two (2) coats of rust inhibiting primer are to be Y

applied prior to the finish coat white in color to match cab

- ☐ Body shall be properly prepared free from weld slag, greases and oils

Y

7. **MISCELLANEOUS:**

- ☐ Should be equipped with ladder on Packer body
- ☐ The compaction body shall have all necessary warning decals, lights and reflectors to meet State and Federal highway standards
- ☐ Additional working lighting should be provided Equipped with front and rear strobe lights on body that has separate switch in cab
- ☐ Equipped with spot light mounted on back of body hooked to backup lights

Y

Y

Y

8. **WARRANTY:**

- ☐ List manufacturer's standard warranty
- ☐ Bidder shall attach copy of warranty
- ☐ One year unlimited warranty on all parts
- ☐ One year unlimited warranty on all labor
- ☐ One year unlimited warranty on all construction
- ☐ Repairs must be made in the first year with unlimited warranty and completed in no more than five (5) calendar days
- ☐ If repairs are made by the City in the first year, the City will be reimbursed for labor and parts

Y

Y

Y

Y

Y

Y

Y

9. **CONTRACT NEGOTIATIONS:**

The OWNER reserves the right to negotiate any and all items in the formal Contract found in the Request for Bids.